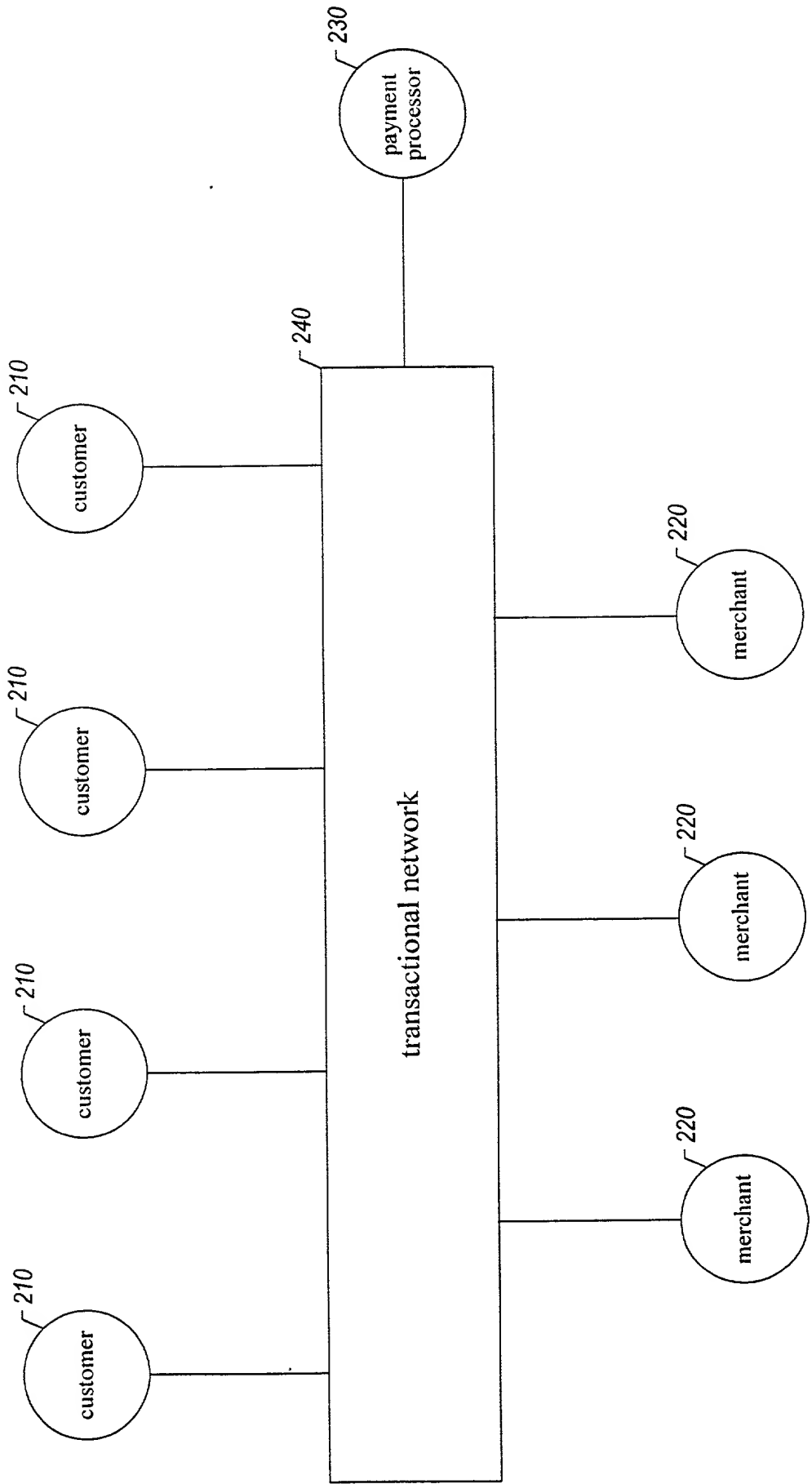


Fig. 1

FIG. 2 is a block diagram of a transactional network system. The system includes a transactional network (240) that connects multiple customers (210) and multiple merchants (220). A payment processor (230) is also connected to the transactional network (240).



**Fig. 2**

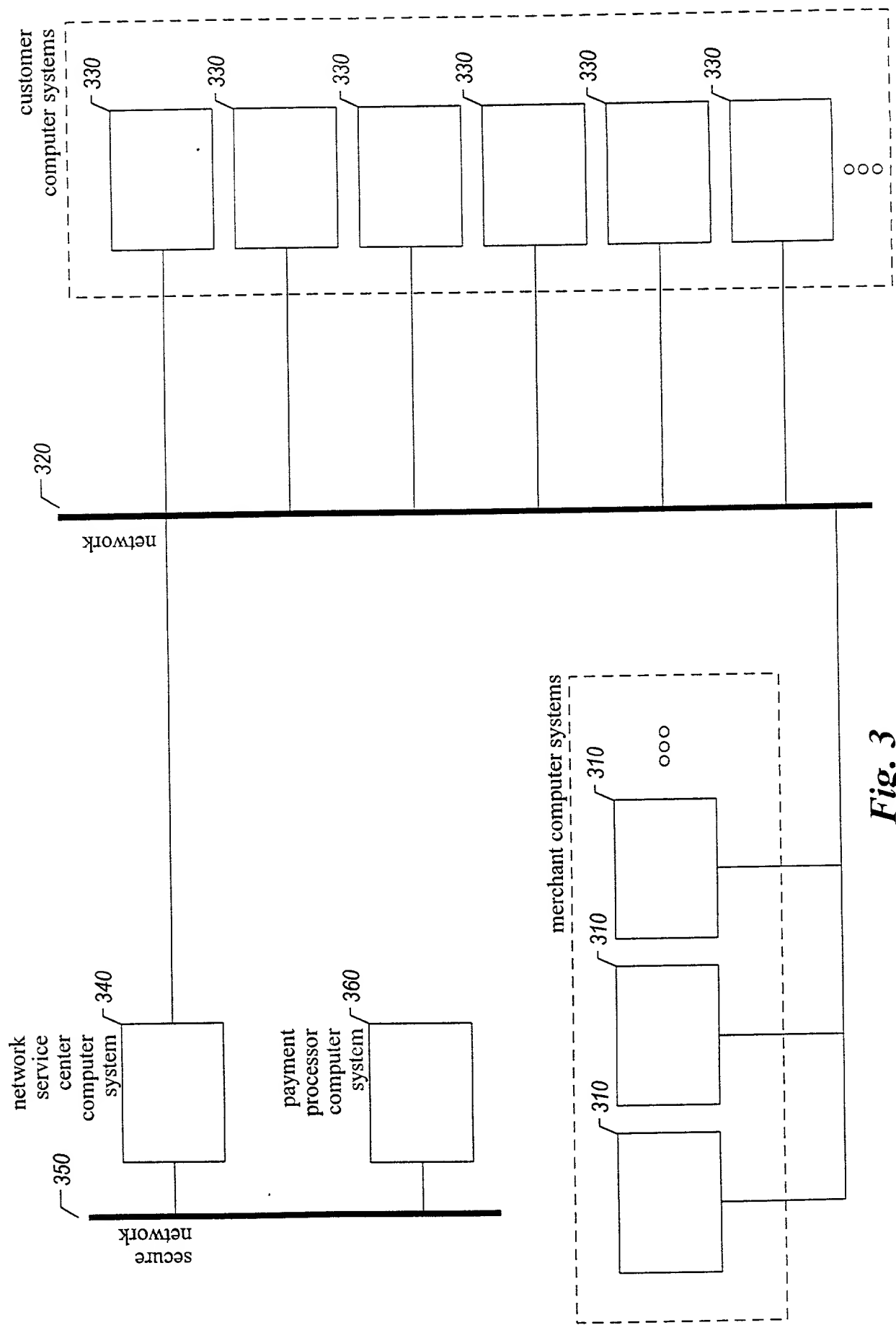


Fig. 3

merchant computer system 310

storage 430

HTML server 431

web pages 432

product database 433

authorization subsystem 434

CPU(s) 410

network connection 420

computer-readable media drive 440

Fig. 4

customer computer system 330

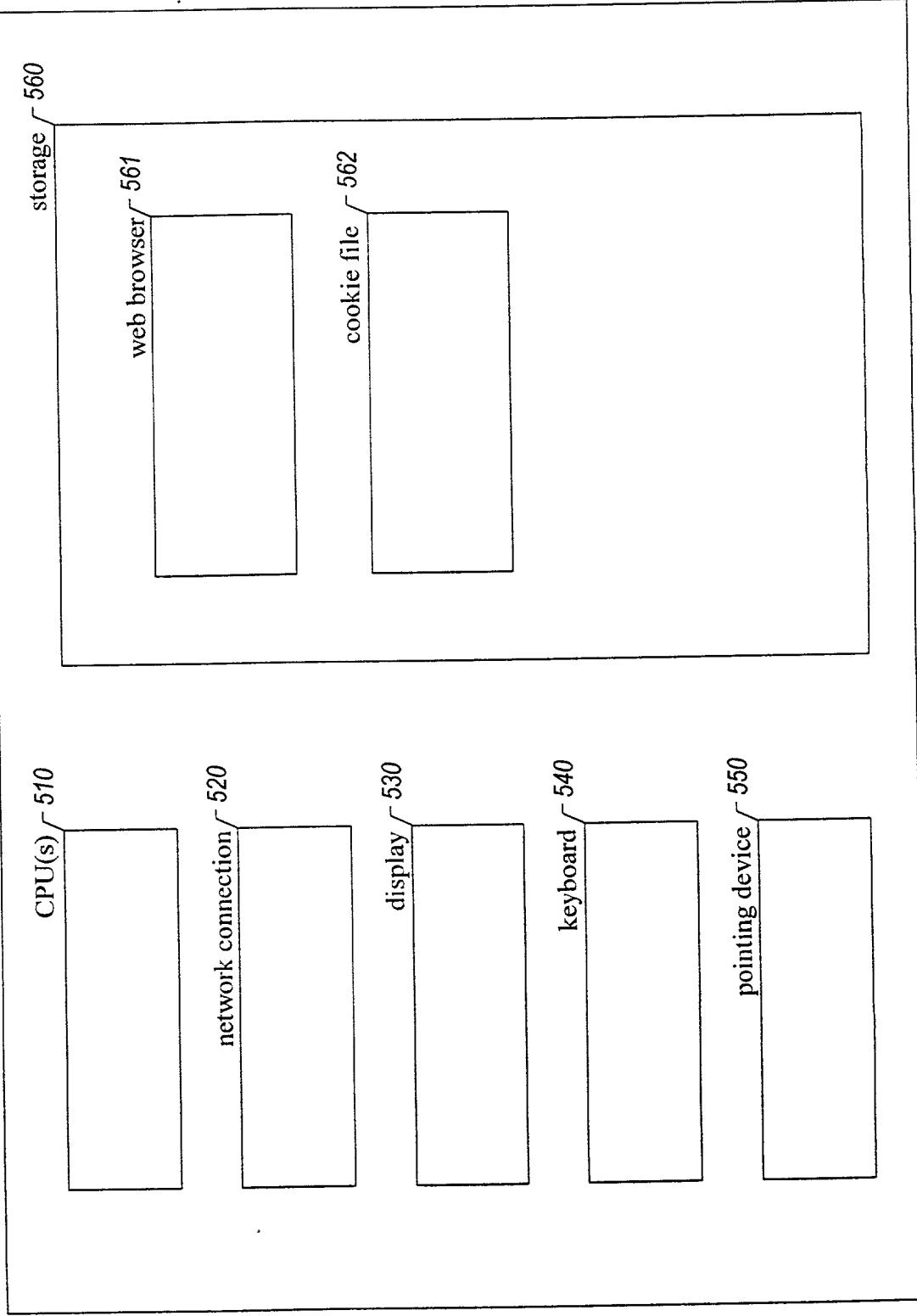
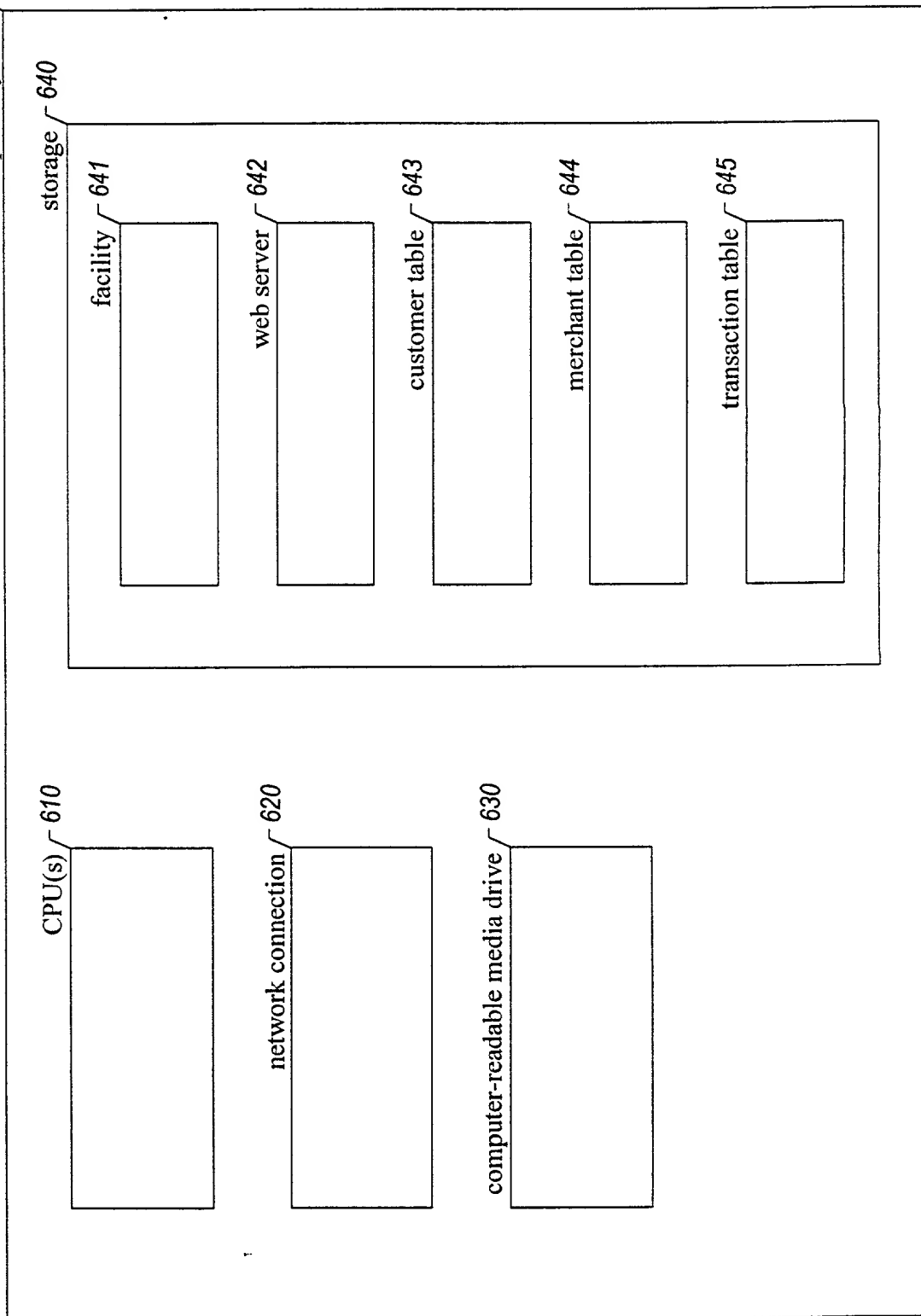


Fig. 5

network service center  
computer system 340



**Fig. 6**

For the desktop of  
Proscenium Staff

Contents



## XML The Bridge Between Content & Commerce

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This month

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The role of XML in data exchange and electronic commerce

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Cost: \$ 2.50 for one hour of access

Credit: C/Net, Builder.com

By Trisha Gorman

[Extensible Markup Language](#) 712

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[X Marks the Spot](#) 713

Cost: \$ 2.50 for unlimited access

Credit: Rohit Khare and Adam Rikkin

[XML Set To Change The Face Of E-Commerce](#) 714

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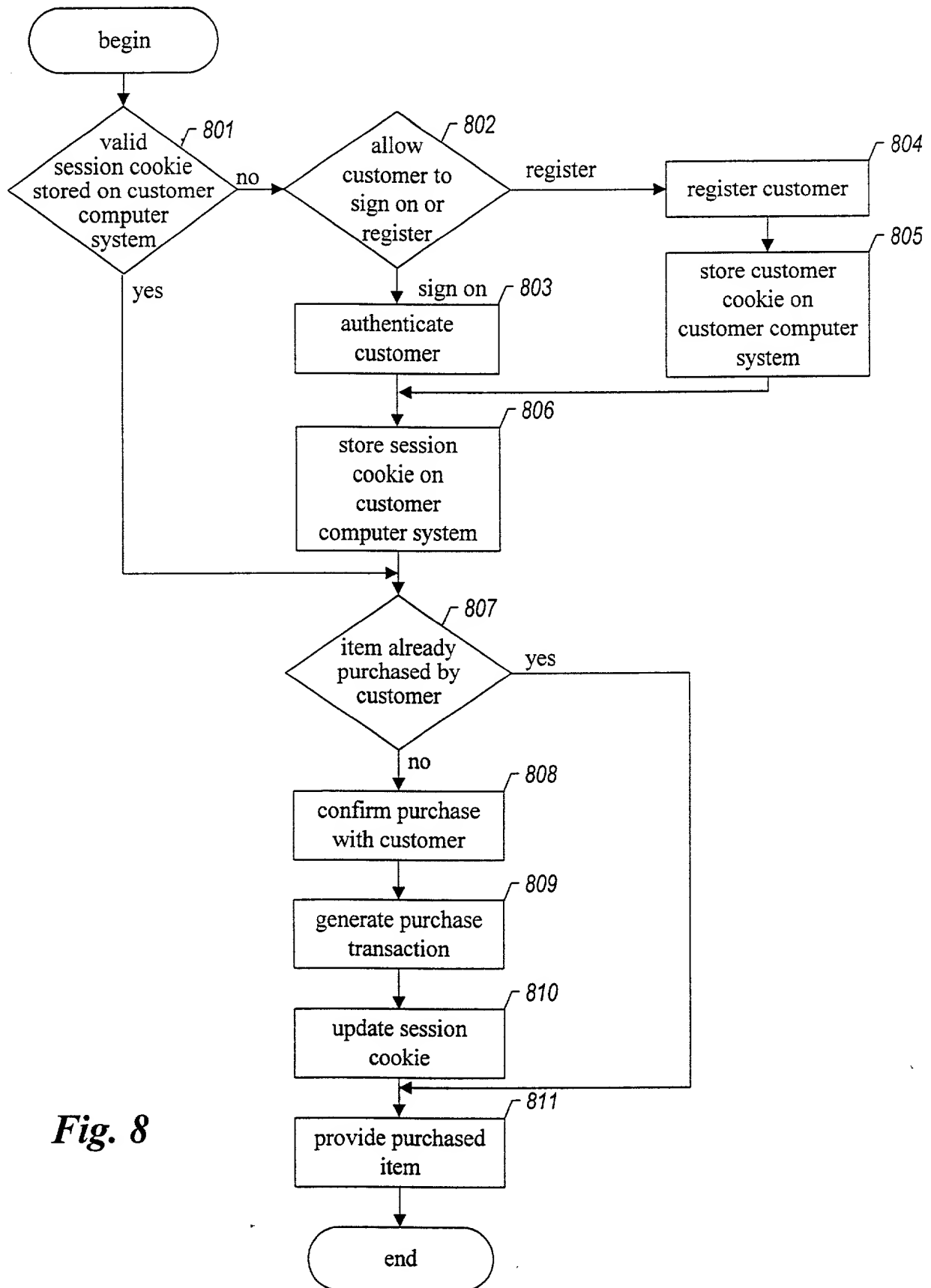
Credit: Rik Drummond And Kay Spearman

Network Computing

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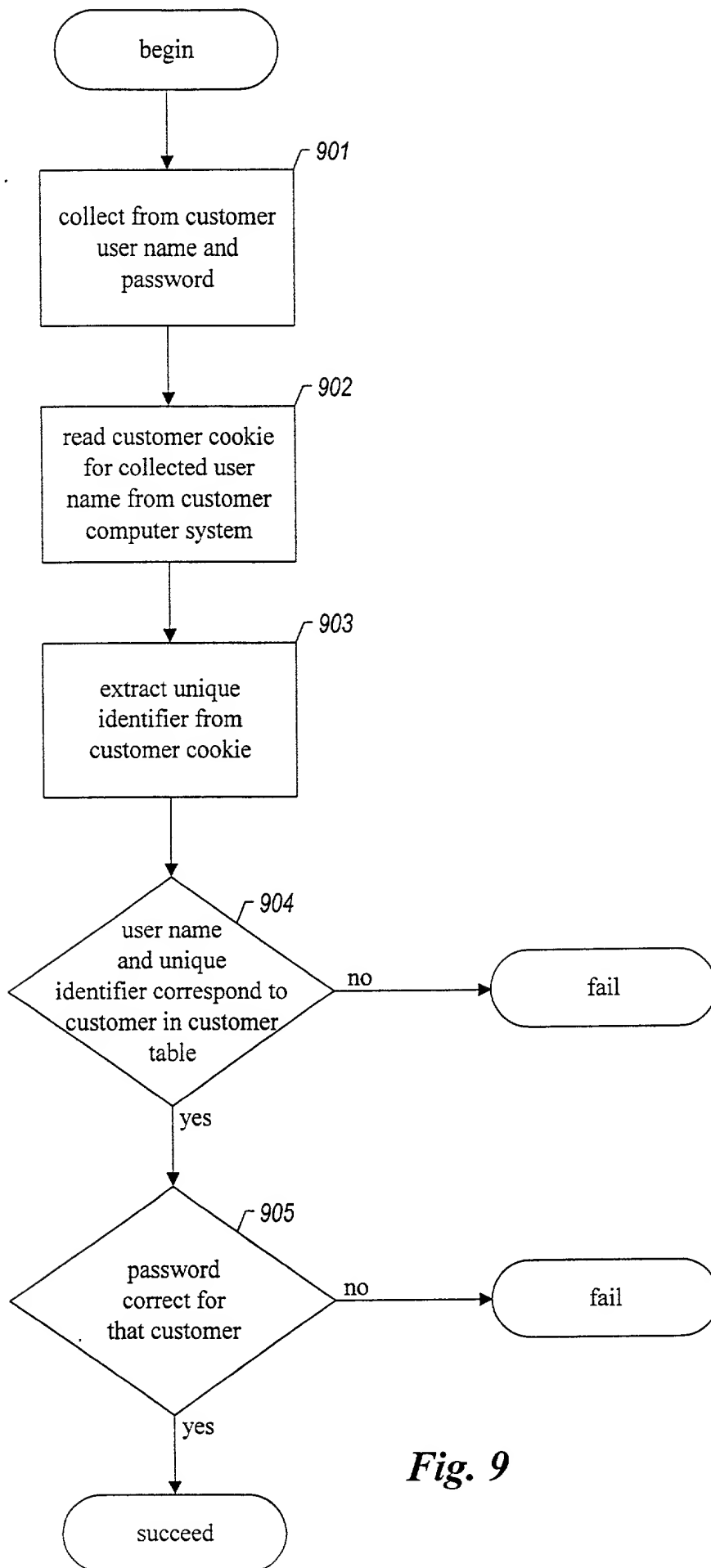
Internet zone

Fig. 7



**Fig. 8**





**Fig. 9**

1000

For the desktop of  
Proseclum Staff



1000

Partners

Qpass - Sign On - Microsoft Internet Explorer

Partners

Sign On 1021

Member ID: 1001

Password: 1002

☒ Save password?

Sign On Cancel

1003

Forgotten your password?  
We can remind you of your Qpass user  
name and password.

1004

Please enter your  
name and password to  
login to Qpass.

Register with Qpass to  
become a member!

Tell me more about  
the benefits of being a  
Qpass member.

Content Partners  
.com 0001-8622

exchange

access

exchange

access

Web

Streaming audio  
books as an  
innovative  
medium for  
storytelling.

Cost: \$ 2.50 for unlimited access  
Credit: Rohit Khare and Adam Rifkin

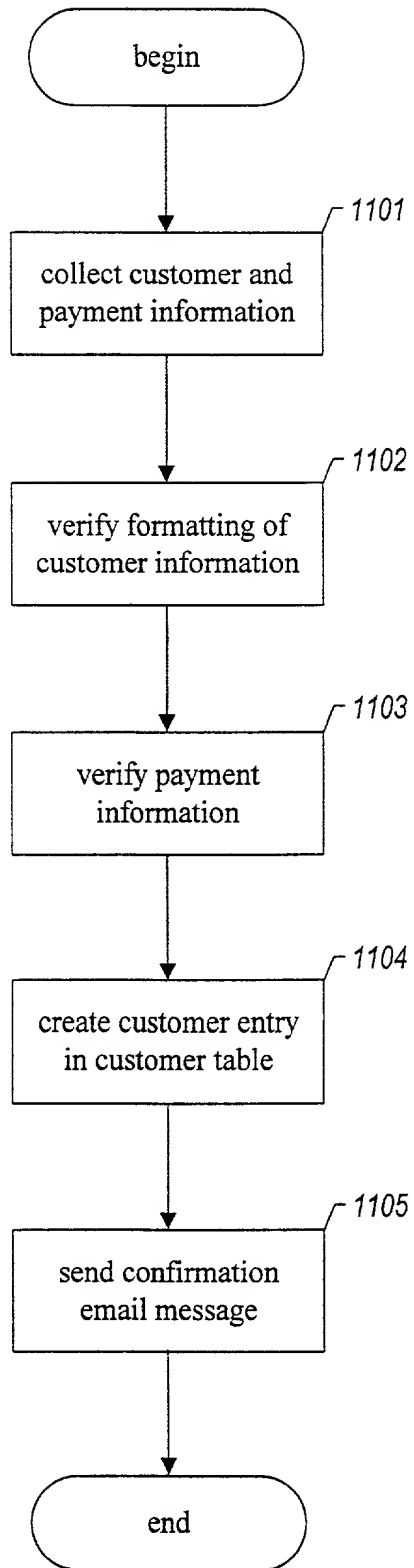
XML Set To Change The Face Of  
E-Commerce

Cost: \$ 2.50 for one hour of access  
Credit: Rik Drummond And Kay Spearman  
Network Computing

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out more about  
Qpass

Fig. 10



*Fig. 11*

1200

Contents

For the desktop of  
Proscenium Staff



Qpass - Registration - Microsoft Internet Explorer

Point, Click, Purchase™

**Registration**

**Qpass**

1201 First Name: Joe  
1202 Last Name: User  
1203 Postal Code: 98110  
1204 E-mail Address: joe@hotmail.com  
1205 Credit Card: Visa  
1206 Credit Card #: 4111111111111111  
1207 Expiration Date: Dec 1999  
1208 Member ID: JoeUser  
1209 Password:   
1209 Re-enter:   
1210 Shared secret: New York

Marketing copy here.

Tell me more about the benefits of being a Qpass member.

our more about  
Qpass.

©Copyright 1998 Qpass



Fig. 12

XML Set To Change The Face Of E-Commerce  
Cost: \$ 2.50 for one hour of access  
Credit: Rik Drummond And Kay Spearman  
Network Computing

For the desktop of  
Proscenium Staff



1300

Partners  
Click here for a  
list of Qpass

1301

Marketing copy here.

1302

Continue Cancel

Contenta Partners .com 0001-8622

XML Set To Change The Face Of E-Commerce  
Cost: \$ 2.50 for one hour of access  
Credit: Rik Drummond And Kay Spearman  
Network Computing

Qpass

Click here to find  
out more about  
Qpass

books as an  
innovative  
medium for  
storytelling

Qpass - Purchase Confirmation - Microsoft Internet Explorer

Purchase Confirmation

Your account will be charged \$2.50 for  
unlimited access for the next 30 minutes  
to 20 QUESTIONS ON XML.

Thank you!

 Copyright 1998 Qpass.

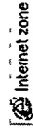


Fig. 13

Contents

For the desktop of  
Proscenium Staff

1400



20 Questions

**Featured Articles**

**"20 Questions on XML"**  
**C/Net, Builder.com**  
**By Trisha Gorman**  
**(3/10/98)**

Nearly everyone is talking about XML (Extensible Markup Language) these days. But few understand what it's really all about.

XML's proponents claim it will cure everything that's wrong with HTML and enable the seamless exchange of data between different applications and operating systems. Indeed, most observers agree that XML is poised to cause a revolution in content delivery and exchange. And those of you who get it first will probably benefit the most.

If you've been dying to learn more about XML but have been unable to find the time to dig through all the technical specs and marketing hyperbole, we have the perfect answer: let BUILDER.COM do the digging for you. We've asked and answered the top 20 questions about XML, and while they may not make you an XML expert, we guarantee they'll give you a better appreciation of just what this technology has in store for Web builders.

1. What is XML?
2. Why is XML important?
3. How are SGML, HTML, and XML related?
4. How will XML be implemented?
5. What is a Document Type Definition (DTD)?

**Fig. 14**



## Best Market Reports

[Home] [Search] [GLOBUS & NIDB] [E-mail]

[Previous Page](#)

[Next Page](#)

- 1501 ~ Program Description
- 1502 ~ AGRICULTURAL CHEMICALS FY98
- 1503 ~ AGRICULTURAL EQUIPMENT FY98
- 1504 ~ AIR CONDITIONING/REFRIGERIN EQUIP FY98
- 1505 ~ AIRCRAFT AND PARTS FY98
- 1506 ~ AIRPORT/GROUND SUPPORT EQUIP FY98
- 1507 ~ APPAREL FY98
- 1508 ~ ARCHITECTURE/CONSTR/ENGINEER'G FY98
- 1509 ~ AUTOMOTIVE PARTS/SERVICE EQUIPMENT FY98
- 1510 ~ AUTOS AND TRUCKS FY98
- 1511 ~ BOOKS AND FILMS FY98
- 1512 ~ BUILDING PRODUCTS FY98
- 1513 ~ CHEMICAL AND PLASTICS PROD EQUIP FY98
- 1514 ~ CHEMICALS AND COMPOSITES FY98
- 1515 ~ COMMERCIAL AND PLEASURE BOATS FY98
- 1516 ~ COMPUTER SOFTWARE FY98
- 1517 ~ COMPUTERS AND BUSINESS EQUIP FY98
- 1518 ~ COMPUTER/INFORMATION SERVICES FY98
- 1519 ~ CONSTRUCTION EQUIPMENT FY98
- 1520 ~ COSMETICS AND TOILETRIES FY98
- 1521 ~ DEFENSE INDUSTRY EQUIPMENT FY98
- 1522 ~ DRUGS AND PHARMACEUTICALS FY98
- 1523 ~ EDUCATION/TRAINING FY98
- 1524 ~ ELECTRICAL POWER SYSTEMS FY98
- 1525 ~ ELECTRONIC COMPONENTS FY98
- 1526 ~ ELECTRONICS IND PROD/TEST EQUIP FY98

[Internet zone](#)

Fig. 15





ELECTRICAL POWER SYSTEMS FY98 BEST MARKET REPORTS USDOC, INTERNATIONAL TRADE  
ADMINISTRATION  
Product ID: 24

TITLE: ELECTRICAL POWER SYSTEMS FY98

SUBJECT COUNTRY(IES): WORLD

POST OF ORIGIN: COMMERCE

SERIES: BEST MARKET REPORTS (BMR)

ITA INDUSTRY CODE: ELP, REQ

DATE OF REPORT (YYMMDD): 971027

DELETION DATE (YYMMDD): 991015

AUTHOR:

APPROVING OFFICER:

OFFICER'S TITLE:

NUMBER OF PAGES: 63

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THE UNITED STATES

Best Market Report FY98:  
ELECTRICAL POWER SYSTEMS

ELECTRICAL POWER SYSTEMS

Countries included:

ARGENTINA

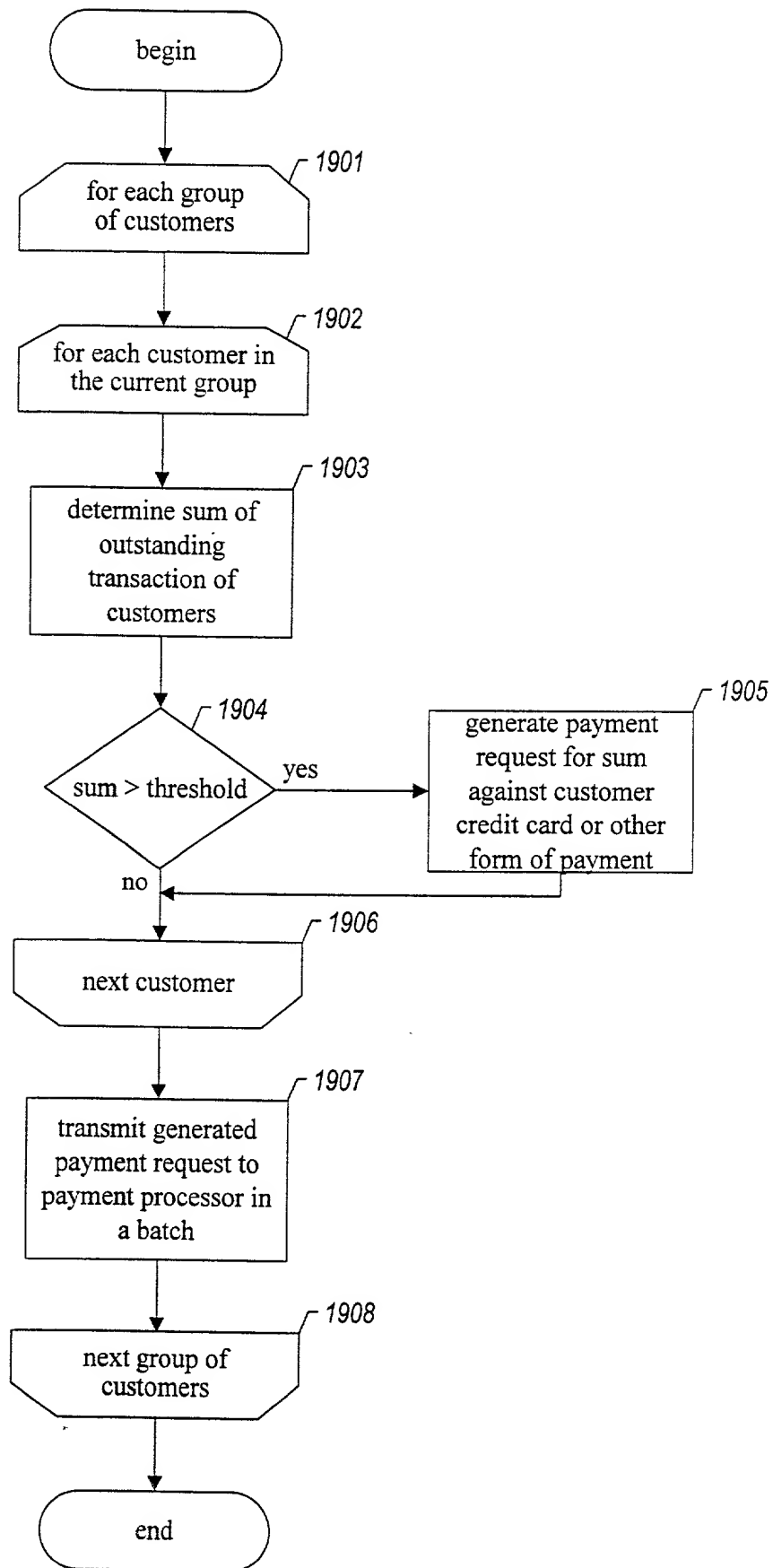
Done

Local Internet zone

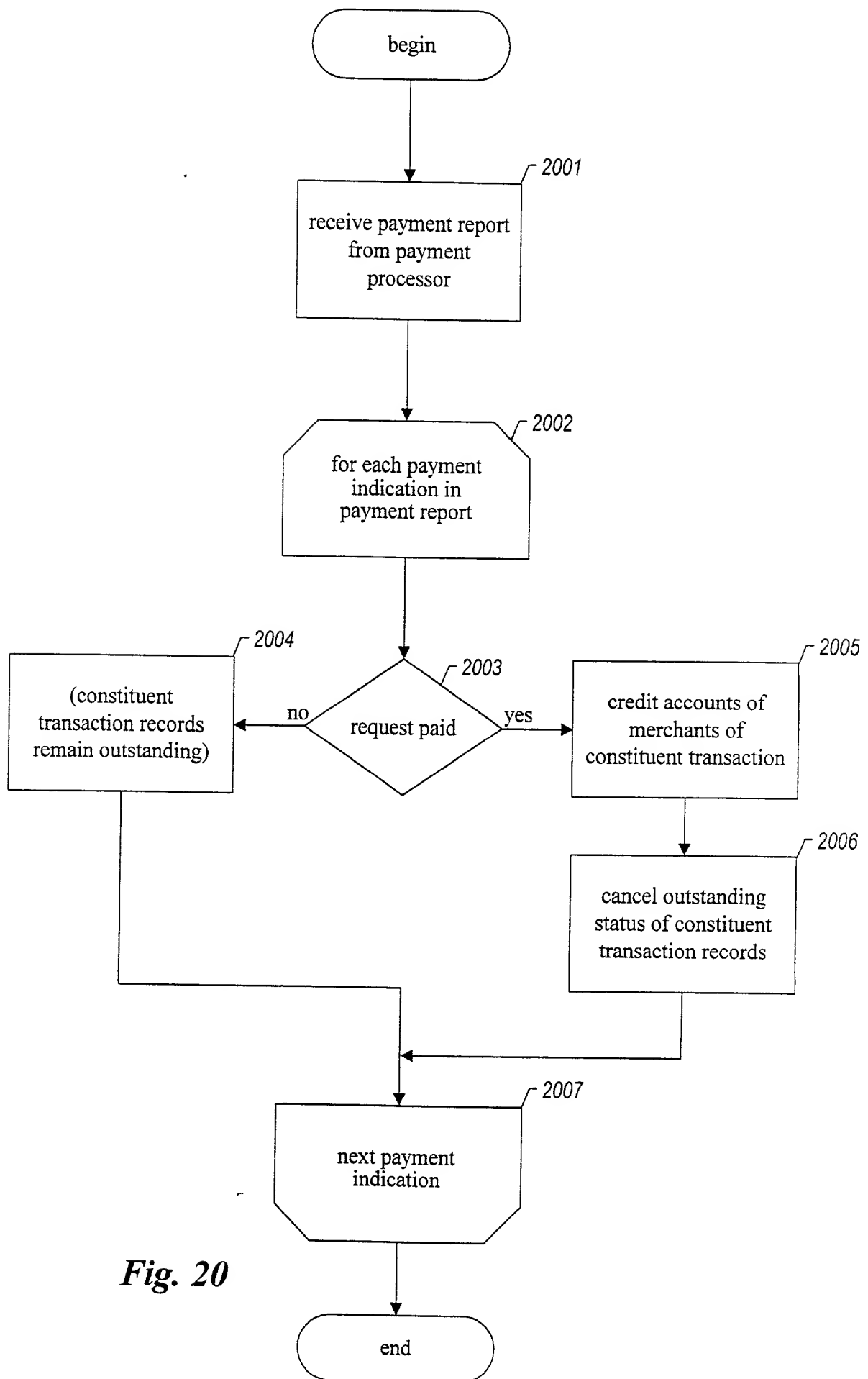
Fig. 17

1800	1801	1802	1803	1804	1805 transaction table	1806
	Customer	Merchant	Item	Amount	Expiration	Outstanding
	⋮					
1811	Jim	Customer News	Vacuum Rating Guide	US\$ 3.00	None	Yes
1812	Joe User	Content Partner	20 Questions on XML	US\$ 2.50	11/3/98 2:25 p.m.	Yes
1813	Joe User	Stat USA	Electrical Power Systems FX 98	US\$ 1.00	11/3/98 9:11 a.m.	Yes
1814	Sally Shopper	Recipeland	Dessert Recipes	US\$ 3.00	12/21/98 10:00 a.m.	No
1815	Sally Shopper	Recipeland	Lunch Recipes	US\$ 0.25	11/30/98 12:00 a.m.	No
1816	Sally Shopper	Item Publishing	Home Journal	US\$ 0.25	11/1/99 12:00 noon	Yes
1817	Sally Shopper	Finance Data	General Electric Annual Report	US\$ 7.75	11/1/99 12:00 p.m.	Yes
1818	Sally Shopper	Autoworld	Fuel Pump Repair	US\$ 1.00	3/5/99 9:00 a.m.	Yes
1819	Sally Shopper	Autoworld	Tire Upgrade	US\$ 1.25	12/1/98 11:18 am	Yes
1820	Sam Client	Horticulture Today	Renewal Chart	US\$ 0.75	12/29/99 12:00 a.m.	Yes
	⋮					

**Fig. 18**



**Fig. 19**



**Fig. 20**

Qpass News	Statements	Subscriptions	Memberships	Help
Current Period	Past Periods	Account Status		

## Current Period - Transaction Summary

**Quick Tip:** This statement reflects all transactions since the last billing date.

**Questions about a transaction?** Click on the product name to get more details.

**Wondering how credits work?** Any credits in your account will automatically be applied to your balance.

[Sign Out](#)

**Member Name:** Joe User (joeuser)

**Current Balance:** \$3.50

**Today's Date:** 11/27/1998

**Period End Date:** 12/22/1998

### Current Activity - Joe User

Date	Product Name	Amount	Credits Applied
11/27	Content Partner 20 Questions on XML	\$2.50	2110
11/27	Stat USA Electrical Power Systems FX 98	\$1.00	2120

### Previous Balance

Previous balance	\$0.00
11/27 Current Purchases	\$ 3.50

### Total Account Balance

\$ 3.50 } 2130

\* Business Expense  
Click on the Product Name to see transaction details or to request a refund.

Fig. 21



Member Assistance Center

Qpass News	Statements	Subscriptions	Membership	Help
Current Period	Past Periods	Account Status		

### Current Period - Transaction Detail

Sign Out

#### Qpass Colors

Date Purchased: 11/27  
Content Provider: Slat USA  
Product Name: Electrical Power Systems FX 98  
Business Expense: No  
Price: \$ 1.00  
Amount Due: \$ 1.00  
Status: OK

Return to Summary

Request Refund

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Fig. 22

✓ 2300

Qpass News    Statements    Subscriptions    Membership    Help



Qpass News	Statements	Subscriptions	Membership	Help
Current Period	Past Periods	Account Status		

2400

### Current Period - Transaction Detail

Your refund status will be displayed in the status column of your Transaction Summary.

Click [Return to Summary](#) to view your updated Current Transaction Summary.

[Sign Out](#)

### Refund Request Confirmation

Your refund request for the following transaction is confirmed:

**Date Purchased:** 11/27  
**Content Provider:** Stat USA  
**Product Name:** Electrical Power Systems FX 98  
**Price:** \$1 00

[Return to Summary](#)

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Fig. 24



2500

### Current Period - Transaction Summary

**Quick Tip:** This statement reflects all transactions since the last billing date.

**Questions about a transaction?** Click on the product name to get more details.

**Wondering how credits work?** Any credits in your account will automatically be applied to your balance.

[Sign Out](#)

Click on the Product Name to see transaction details or to request a refund.

Member Name: Joe User (joeuser)

Current Balance: \$2.50      Today's Date: 11/27/1998  
Period End Date: 12/22/1998

#### Current Activity - Joe User

Date	Product Name	Amount	Credits Applied
11/27	Content Partner 20 Questions on XML	\$2.50	2510
11/27	Stat USA Electrical Power Systems FX 98	\$1.00	2520
	Refund Pending	-\$1.00	2521

#### Previous Balance

Previous balance	\$0.00
11/27 Current Purchases	\$2.50

**Total Account Balance**      } 2530  
\$2.50

\* Business Expense  
Click on the Product Name to see transaction details or to request a refund.

Fig. 25

**Fig. 26**

**Fig. 27**



**Quick Tip:** To add a member to a group membership, complete the form and click the Register Account button.

New group members will be e-mailed within 24 hours with information about their account.

[Sign Out](#)

Qpass News	Statements	Subscriptions	Membership	Help
Profile	Payment	Password	Group Accounts	

## Group Accounts - Registration

First Name:

Last Name:

E-mail Address:

Member ID:

Password:

Re-enter:

Town of Birth:

2820

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Fig. 28



**Quick Tip:** This statement reflects all transactions since the last billing date.

**Questions about a transaction?** Click on the product name to get more details.

**Wondering how credits work?** Any credits in your account will automatically be applied to your balance.

[Sign Out](#)

Qpass News	Statements	Subscriptions	Membership	Help
Current Period	Past Periods	Account Status		

### Current Period - Transaction Summary

Click on the Product Name to see transaction details or to request a refund.

**Member Name:** Jean User (Jean)  
**Current Balance:** \$5.00  
**Today's Date:** 11/28/1998  
**Period End Date:** 12/22/1998

#### Current Activity - Jean User

Date	Product Name	Amount	Credits Applied
11/28	Ski Central		
	Cascade Ski Report	\$2.50	
11/28	Ski Central		
	Olympic Ski Report	\$2.50	

Previous Balance	
Previous balance	\$0.00
11/28 Current Purchases	\$ 5.00
<b>Total Account Balance</b>	<b>\$ 5.00</b>

\* Business Expense  
Click on the Product Name to see transaction details or to request a refund.

Fig. 29

2900



**Quick Tip:** This statement reflects all transactions since the last billing date.

**Questions about a transaction?** Click on the product name to get more details.

**Wondering how credits work?** Any credits in your account will automatically be applied to your balance.

[Sign Out](#)

Opass News	Statements	Subscriptions	Membership	Help
Current Period	Past Periods	Account Status		

Current Period - Transaction Summary

Click on the Product Name to see transaction details or to request a refund.

Member Name: Joe User (joeuser)  
Current Balance: \$8.50  
Today's Date: 11/28/1998  
Period End Date: 12/22/1998

Current Activity - Joe User

Date	Product Name	Amount	Credits Applied
11/28	Content Partner 20 Questions on XML	\$2.50	3010
11/28	Stat USA Electrical Power Systems FX 98	\$1.00	3020

Current Activity - Jean User

Date	Product Name	Amount	Credits Applied
11/28	Ski Central Cascade Ski Report	\$2.50	3030
11/28	Ski Central Olympic Ski Report	\$2.50	3040

Previous Balance

Previous balance	\$0.00
11/28 Current Purchases	\$ 8.50
Total Account Balance	\$ 8.50

Fig. 30